



# CONSTRUCTION EQUIPMENT

## 6855HR VOLVO EC210CL 110235 - HYDRAULIC SYSTEM



**Sample No:** VCP452227

**Oil Type:** {unknown}

**Job No:** 6855HR



### SAMPLE INFORMATION

Sample Number	VCP452227	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	6182	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**HIGHWAY EQUIPMENT & SUPPLY CO MAIN**  
 PO BOX 1957  
 HARRISBURG, PA  
 US 17105  
 Contact: CHAD HERRON



### OIL CONDITION

Visc @ 40°C	cSt	■ 35.8	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.29	---	---	---

T: 7(175)643-3031  
 F: (717)564-3568



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	■ 7	---	---	---
Copper	ppm	■ 38	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	198	---	---	---
Phosphorus	ppm	311	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO0025  
**Unique No:** 10995718  
**Signed:** Don Baldrige  
**Report Date:** 26 Apr 2024

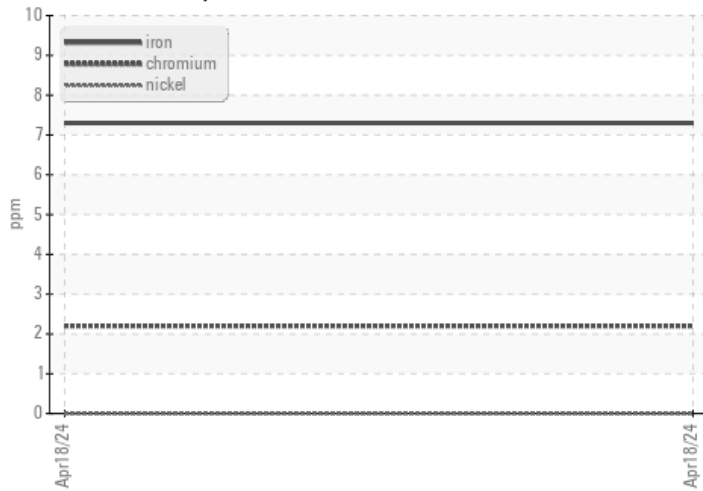


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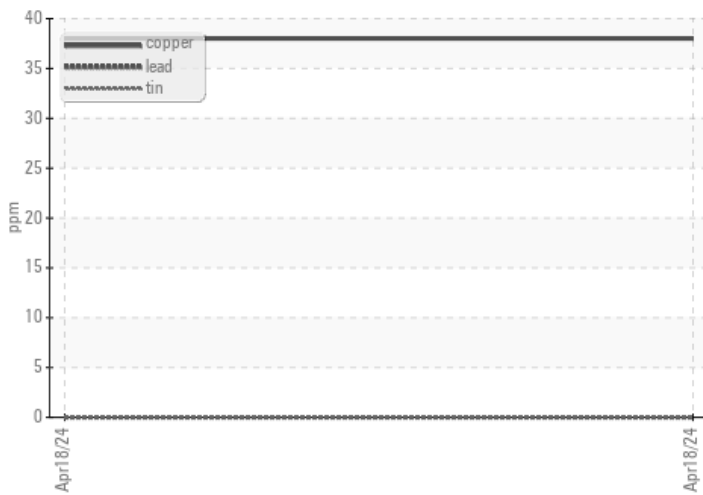


## GRAPHS

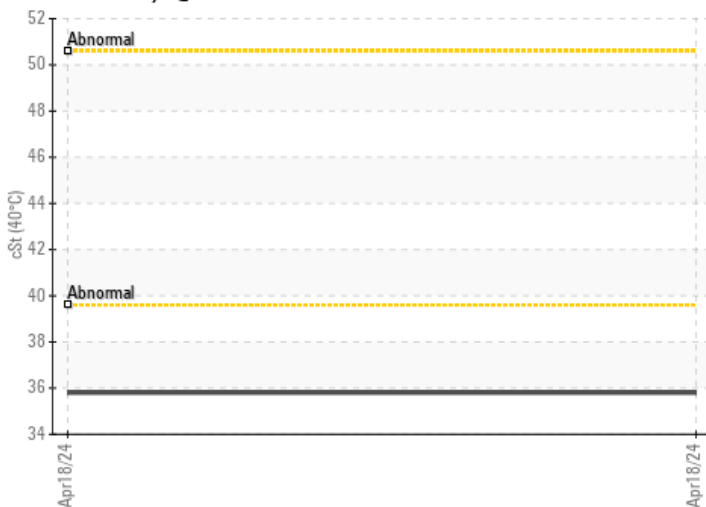
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

